

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-10. (Cancelled)

11. (Currently Amended) A process for making an electrode for a fuel cell, ~~comprising~~ consisting essentially of :

(a) providing a catalyst ink comprising a catalytic material, ~~a membrane plasticizer~~, and poly(vinylidene fluoride); and

(b) applying the catalyst ink to at least one side of a substrate; and

(c) drying the catalyst ink on the substrate.

12. (Previously presented) The process of claim 11, wherein the substrate is a membrane.

13. (Previously presented) The process of claim 12, wherein the membrane is a PSSA-PVDF membrane.

14. (Previously presented) The process of claim 11, wherein the ink further comprises a plasticizer.

15. (Previously presented) The process of claim 14, wherein the plasticizer is N,N dimethylacetamide.

16. (Currently Amended) The process of claim 12, further ~~comprising~~ consisting essentially of roughening a surface of the membrane prior to applying the catalyst ink.

17. (Previously presented) The process of claim 12, wherein the substrate is a backing.

18. (Previously presented) The process of claim 17, wherein the backing is a carbon paper.

19. (Currently Amended) A process for making a membrane electrode assembly for a fuel cell, comprising:

(a) providing a catalyst ink comprising a catalytic material, ~~a membrane plasticizer~~, and poly(vinylidene fluoride);

(b) applying the catalyst ink to at least one side of a membrane; and

(c) bonding the membrane to at least one electrode.

20. (Previously presented) The process of claim 19, wherein the membrane is bonded to the electrode at a temperature of greater than about 180 °C.

21. (Previously presented) The process of claim 19, wherein the catalyst ink further comprises a plasticizer.

22. (Previously presented) The process of claim 21, wherein the plasticizer is N,N dimethylacetamide.

23. (Previously presented) The process of claim 19, further comprising adding to the catalyst ink a second ionomer comprising a liquid copolymer of tetrafluoroethylene and perfluorovinylethersulfonic acid.

24. (Previously presented) The process of claim 19, further comprising roughening a surface of the membrane prior to applying the catalyst ink.

25. (Previously presented) The process of claim 19, wherein the electrode comprises a catalyst layer comprising a catalytic material selected from Pt, Pt/Ru and an ionomer.

26. (Currently Amended) A fuel cell comprising a membrane electrode assembly, wherein the membrane electrode assembly is made by the process of:

(a) providing a catalyst ink comprising a catalytic material, ~~a membrane plasticizer~~, and poly(vinylidene fluoride);

(b) applying the catalyst ink to at least one side of a membrane; and

(c) bonding the membrane to at least one electrode.

27. (New) A process for making an electrode for a fuel cell, comprising:

(a) providing a catalyst ink comprising a catalytic material, and poly(vinylidene fluoride); and

(b) applying the catalyst ink to at least one side of a membrane.

28. (New) The process of claim 27, wherein the membrane is a PSSA-PVDF membrane.

29. (New) The process of claim 27, wherein the ink further comprises a plasticizer.

30. (New) The process of claim 29, wherein the plasticizer is N,N dimethylacetamide.
31. (New) The process of claim 27, further comprising roughening a surface of the membrane prior to applying the catalyst ink.